

**CLAIMS**

What is Claimed is:

- 1           1.     A coated substrate suitable for accepting water-based paints,  
2 pencils, and inks, comprising a substrate and a coating on the substrate, wherein  
3 the coating is formulated to accept water-based paints, pencils, and inks without  
4 unacceptable running or bleeding of the water-based paints, pencils, and inks in  
5 and on the coating.
- 1           2.     The coated substrate as claimed in Claim 1, wherein the substrate is  
2 selected from the group consisting of woven and non-woven materials.
- 1           3.     The coated substrate as claimed in Claim 1, wherein the substrate is  
2 selected from the group consisting of canvas made from natural and synthetic  
3 fibers.
- 1           4.     The coated substrate as claimed in Claim 1, wherein the substrate is  
2 a flexible canvas selected from the group consisting of cotton and linen canvases.
- 1           5.     The coated substrate as claimed in Claim 1, wherein the coating is  
2 made from a paint mixture comprising a water-based latex.
- 1           6.     The coated substrate as claimed in Claim 5, wherein the paint  
2 mixture further comprises filler and water.
- 1           7.     The coated substrate as claimed in Claim 6, wherein the paint  
2 mixture further comprises pigment dispersant, defoamer, extender and surfactant.
- 1           8.     The coated substrate as claimed in Claim 1, wherein the coating is  
2 made from a paint mixture comprising from 100-200 parts by weight water-based  
3 latex, 0-5 parts by weight pigment dispersant, 0-2 parts by weight defoamer, 75-  
4 150 parts by weight pigment and filler, 0-50 parts by weight extender, 0-5 parts by  
5 weight surfactant, and 0-50 parts by weight water.
- 1           9.     A coated substrate suitable for accepting water-based paints,  
2 pencils, and inks, comprising a substrate and a coating on the substrate, wherein  
3 the coating is formulated to accept water-based paints, pencils, and inks without  
4 unacceptable running or bleeding of the water-based paints, pencils, and inks in  
5 and on the coating, wherein the substrate is a flexible canvas selected from the

6 group consisting of cotton and linen canvases and the coating is made from a  
7 paint mixture comprising from 100-200 parts by weight water-based latex, 0-5  
8 parts by weight pigment dispersant, 0-2 parts by weight defoamer, 75-150 parts  
9 by weight pigment and filler, 0-50 parts by weight extender, 0-5 parts by weight  
10 surfactant, and 0-50 parts by weight water.

1 10. The coated substrate as claimed in Claim 9, wherein the water-  
2 based latex is an acrylic latex.

1 11. The coated substrate as claimed in Claim 10, wherein the pigment  
2 and filler is calcium carbonate.

1 12. The coated substrate as claimed in Claim 11, wherein the extender  
2 is talc.

1 13. The coated substrate as claimed in Claim 12, wherein the paint  
2 mixture comprises from 150 parts by weight water-based latex, 2 parts by weight  
3 pigment dispersant, 0.8 parts by weight defoamer, 115 parts by weight calcium  
4 carbonate, 20 parts by weight extender, 2 parts by weight surfactant, and 30 parts  
5 by weight water.

1 14. A coating for applying to a substrate, the coating being suitable for  
2 accepting water-based paints, pencils, and inks, wherein the coating is formulated  
3 to accept water-based paints, pencils, and inks without unacceptable running or  
4 bleeding of the water-based paints, pencils, and inks in and on the coating.

1 15. The coating as claimed in Claim 14, wherein the coating is made  
2 from a paint mixture comprising a water-based latex.

1 16. The coating as claimed in Claim 15, wherein the paint mixture  
2 further comprises filler and water.

1 17. The coating as claimed in Claim 16, wherein the paint mixture  
2 further comprises pigment dispersant, defoamer, extender and surfactant.

1 18. The coating as claimed in Claim 14, wherein the coating is made  
2 from a paint mixture comprising from 100-200 parts by weight water-based latex,  
3 0-5 parts by weight pigment dispersant, 0-2 parts by weight defoamer, 75-150  
4 parts by weight pigment and filler, 0-50 parts by weight extender, 0-5 parts by  
5 weight surfactant, and 0-50 parts by weight water.

1 19. A coating for applying to a substrate, the coating being suitable for

2 accepting water-based paints, pencils, and inks, wherein the coating is formulated  
3 to accept water-based paints, pencils, and inks without unacceptable running or  
4 bleeding of the water-based paints, pencils, and inks in and on the coating,  
5 wherein the coating is made from a paint mixture comprising from 100-200 parts  
6 by weight water-based latex, 0-5 parts by weight pigment dispersant, 0-2 parts by  
7 weight defoamer, 75-150 parts by weight pigment and filler, 0-50 parts by weight  
8 extender, 0-5 parts by weight surfactant, and 0-50 parts by weight water.

1       20.    The coated substrate as claimed in Claim 19, wherein the water-  
2 based latex is an acrylic latex.

1       21.    The coated substrate as claimed in Claim 20, wherein the pigment  
2 and filler is calcium carbonate.

1       22.    The coated substrate as claimed in Claim 21, wherein the extender  
2 is talc.

1       23.    The coated substrate as claimed in Claim 22, wherein the paint  
2 mixture comprises from 150 parts by weight water-based latex, 2 parts by weight  
3 pigment dispersant, 0.8 parts by weight defoamer, 115 parts by weight calcium  
4 carbonate, 20 parts by weight extender, 2 parts by weight surfactant, and 30 parts  
5 by weight water.